

12. All piping valves and fittings shall be constructed and maintained in a gas tight condition [District Rule 4623, 5.6.3] Federally Enforceable Through Title V Permit
13. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.9 and 6.4.8] Federally Enforceable Through Title V Permit
14. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a gas-tight cover which shall be closed at all times except during gauging or sampling. [District Rule 4623, 5.6.2] Federally Enforceable Through Title V Permit
15. Records of VOC measurements taken between the carbon canisters and at the discharge of the last carbon cannister shall be maintained for a period of at least five years and be made readily available for District inspection upon request. [District Rules 1070 and District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit
16. All piping, fittings, and valves shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the provisions of this permit. If any of the tank components are found to leak during an annual inspection, the inspection frequency for that component type shall be changed from annual to quarterly. If no tank components are subsequently found to be leaking during five consecutive inspections, the inspection frequency may be changed from quarterly to annual. Components located in inaccessible (over 15 feet above ground when access is required from the ground or over 6 feet away from a platform when access is required from the platform) locations shall be inspected at least annually and components located in unsafe areas shall be inspected and repaired upon detection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
17. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date of leak detection, and method of detection; 3) Date and emission level of recheck after leak is repaired. Leaks over 10,000 ppmv shall be reported as a deviation. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
18. The operator shall ensure that the vapor recovery system is functional and is operating as designed whenever organic liquids or organic liquid vapors are present in the tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
19. The permittee shall keep accurate records of each organic liquid stored in the tank including its type, storage temperature, TVP, and API gravity, and shall make such records available for District inspection upon request. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit
20. All records of required monitoring data and support information shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 2520, 9.4.2 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-35-3-1

EXPIRATION DATE: 08/31/2009

SECTION: 23 **TOWNSHIP:** 29S **RANGE:** 27E

EQUIPMENT DESCRIPTION:

117,600 GALLON FIXED ROOF PETROLEUM STORAGE TANK #2802 WITH VAPOR RECOVERY

PERMIT UNIT REQUIREMENTS

1. Tank is authorized to store light crude oil or naphtha. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Tank shall vent to vapor control system listed on permit S-35-2. [District NSR Rule] Federally Enforceable Through Title V Permit
3. The tank shall be equipped with a vapor recovery system consisting of a closed vent system that collects all VOCs from the storage tank and a VOC control device. The vapor recovery system shall be APCO-approved and maintained in gas-tight condition. Collected vapors shall be directed to approved control devices having a destruction efficiency of at least 95% by weight as determined by the test method specified in Section 6.4.7 of District Rule 4623 (as amended 12/20/01). [District Rule 4623, 5.6.1] Federally Enforceable Through Title V Permit
4. All piping valves and fittings shall be constructed and maintained in a gas tight condition [District Rule 4623, 5.6.3] Federally Enforceable Through Title V Permit
5. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.9 and 6.4.8] Federally Enforceable Through Title V Permit
6. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a gas-tight cover which shall be closed at all times except during gauging or sampling. [District Rule 4623, 5.6.2] Federally Enforceable Through Title V Permit
7. All piping, fittings, and valves shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the provisions of this permit. If any of the tank components are found to leak during an annual inspection, the inspection frequency for that component type shall be changed from annual to quarterly. If no tank components are subsequently found to be leaking during five consecutive inspections, the inspection frequency may be changed from quarterly to annual. Components located in inaccessible (over 15 feet above ground when access is required from the ground or over 6 feet away from a platform when access is required from the platform) locations shall be inspected at least annually and components located in unsafe areas shall be inspected and repaired upon detection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
8. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date of leak detection, and method of detection; 3) Date and emission level of recheck after leak is repaired. Leaks over 10,000 ppmv shall be reported as a deviation. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

9. The operator shall ensure that the vapor recovery system is functional and is operating as designed whenever organic liquids or organic liquid vapors are present in the tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
10. The permittee shall keep accurate records of each organic liquid stored in the tank including its type, storage temperature, TVP, and API gravity, and shall make such records available for District inspection upon request. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit
11. All records of required monitoring data and support information shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 2520, 9.4.2 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-35-4-4

EXPIRATION DATE: 08/31/2009

SECTION: 23 **TOWNSHIP:** 29S **RANGE:** 27E

EQUIPMENT DESCRIPTION:

37,800 GALLON FIXED ROOF PETROLEUM STORAGE TANK #916 WITH VAPOR RECOVERY

PERMIT UNIT REQUIREMENTS

1. The tank shall be equipped with a vapor recovery system consisting of a closed vent system that collects all VOCs from the storage tank and a VOC control device. The vapor recovery system shall be APCO-approved and maintained in gas-tight condition. Collected vapors shall be directed to approved control devices having a destruction efficiency of at least 95% by weight as determined by the test method specified in Section 6.4.7 of District Rule 4623 (as amended 12/20/01). [District Rule 4623, 5.6.1] Federally Enforceable Through Title V Permit
2. All piping valves and fittings shall be constructed and maintained in a gas tight condition [District Rule 4623, 5.6.3] Federally Enforceable Through Title V Permit
3. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.9 and 6.4.8] Federally Enforceable Through Title V Permit
4. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a gas-tight cover which shall be closed at all times except during gauging or sampling. [District Rule 4623, 5.6.2] Federally Enforceable Through Title V Permit
5. All piping, fittings, and valves shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the provisions of this permit. If any of the tank components are found to leak during an annual inspection, the inspection frequency for that component type shall be changed from annual to quarterly. If no tank components are subsequently found to be leaking during five consecutive inspections, the inspection frequency may be changed from quarterly to annual. Components located in inaccessible (over 15 feet above ground when access is required from the ground or over 6 feet away from a platform when access is required from the platform) locations shall be inspected at least annually and components located in unsafe areas shall be inspected and repaired upon detection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
6. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date of leak detection, and method of detection; 3) Date and emission level of recheck after leak is repaired. Leaks over 10,000 ppmv shall be reported as a deviation. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
7. The operator shall ensure that the vapor recovery system is functional and is operating as designed whenever organic liquids or organic liquid vapors are present in the tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
8. The permittee shall keep accurate records of each organic liquid stored in the tank including its type, storage temperature, TVP, and API gravity, and shall make such records available for District inspection upon request. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

9. All records of required monitoring data and support information shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 2520, 9.4.2 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-35-5-3

EXPIRATION DATE: 08/31/2009

SECTION: 23 **TOWNSHIP:** 29S **RANGE:** 27E

EQUIPMENT DESCRIPTION:

840,000 GALLON FIXED ROOF PETROLEUM STORAGE TANK #20001 WITH VAPOR RECOVERY

PERMIT UNIT REQUIREMENTS

1. The tank shall be equipped with a vapor recovery system consisting of a closed vent system that collects all VOCs from the storage tank and a VOC control device. The vapor recovery system shall be APCO-approved and maintained in gas-tight condition. Collected vapors shall be directed to approved control devices having a destruction efficiency of at least 99% by weight as determined by the test method specified in Section 6.4.7 of District Rule 4623 (as amended 12/20/01). [District NSR Rule and District Rule 4623, 5.6.1] Federally Enforceable Through Title V Permit
2. Volatile organic compound vapor from tank shall be incinerated in flare S-35-16. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Liquid condensate from vapor recovery system shall be disposed in a manner preventing emission to the atmosphere. [District Rule 4102]
4. Crude oil throughput shall not exceed 6,667 bbl/day (on an annual average basis). [District NSR Rule] Federally Enforceable Through Title V Permit
5. Stored crude oil TVP shall not exceed 8.0 psia. [District NSR Rule] Federally Enforceable Through Title V Permit
6. VOC emission rate shall not exceed 0.41 lb/hr. [District NSR Rule] Federally Enforceable Through Title V Permit
7. All piping valves and fittings shall be constructed and maintained in a gas tight condition [District Rule 4623, 5.6.3] Federally Enforceable Through Title V Permit
8. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.9 and 6.4.8] Federally Enforceable Through Title V Permit
9. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a gas-tight cover which shall be closed at all times except during gauging or sampling. [District Rule 4623, 5.6.2] Federally Enforceable Through Title V Permit
10. All piping, fittings, and valves shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the provisions of this permit. If any of the tank components are found to leak during an annual inspection, the inspection frequency for that component type shall be changed from annual to quarterly. If no tank components are subsequently found to be leaking during five consecutive inspections, the inspection frequency may be changed from quarterly to annual. Components located in inaccessible (over 15 feet above ground when access is required from the ground or over 6 feet away from a platform when access is required from the platform) locations shall be inspected at least annually and components located in unsafe areas shall be inspected and repaired upon detection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

11. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date of leak detection, and method of detection; 3) Date and emission level of recheck after leak is repaired. Leaks over 10,000 ppmv shall be reported as a deviation. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
12. The operator shall ensure that the vapor recovery system is functional and is operating as designed whenever organic liquids or organic liquid vapors are present in the tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
13. Permittee shall conduct True Vapor Pressure (TVP) testing of the organic liquid stored in this tank at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in this tank. TVP testing shall be conducted at actual storage temperature of the organic liquid in the tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
14. For crude oil with an API gravity of 26 degrees or less, the TVP shall be determined using the latest version of the Lawrence Berkeley National Laboratory "test Method for Vapor pressure of Reactive Organic Compounds in Heavy Crude Oil Using Gas Chromatograph", as approved by ARB and EPA. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
15. For other organic liquids, the true vapor pressure (TVP) shall be measured using Reid vapor pressure ASTM Method D323, and converting the RVP to TVP at the tank's maximum organic liquid storage temperature. The conversion of RVP to TVP shall be done in accordance of the oil and gas section of "California Air Resources Boards (ARB) Technical Guidance Document to the Criteria and Guidelines Regulations for AB 2588", dated August 1989. As an alternative to using ASTM D 323, the TVP of crude oil with an API gravity range of greater than 26 degrees up to 30 degrees may be determined by using other equivalent test methods approved by APCO, ARB and EPA. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
16. The permittee shall keep accurate records of each organic liquid stored in the tank including its type, storage temperature, TVP, and API gravity, and shall make such records available for District inspection upon request. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit
17. All records of required monitoring data and support information shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 2520, 9.4.2 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-35-6-3

EXPIRATION DATE: 08/31/2009

SECTION: 23 **TOWNSHIP:** 29S **RANGE:** 27E

EQUIPMENT DESCRIPTION:

210,000 GALLON FIXED ROOF PETROLEUM STORAGE TANK #5001 WITH VAPOR RECOVERY

PERMIT UNIT REQUIREMENTS

1. The tank shall be equipped with a vapor recovery system consisting of a closed vent system that collects all VOCs from the storage tank and a VOC control device. The vapor recovery system shall be APCO-approved and maintained in gas-tight condition. Collected vapors shall be directed to approved control devices having a destruction efficiency of at least 99% by weight as determined by the test method specified in Section 6.4.7 of District Rule 4623 (as amended 12/20/01). [District NSR Rule and District Rule 4623, 5.6.1] Federally Enforceable Through Title V Permit
2. Tank shall vent to vapor control system listed on permit S-35-2. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Liquid condensate from vapor recovery system shall be disposed in a manner preventing emission to the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Crude oil throughput shall not exceed 222 bbl/day (on an annual average basis). [District NSR Rule] Federally Enforceable Through Title V Permit
5. Stored crude oil TVP shall not exceed 6.6 psia. [District NSR Rule] Federally Enforceable Through Title V Permit
6. VOC emission rate shall not exceed 0.03 lb/hr. [District NSR Rule] Federally Enforceable Through Title V Permit
7. All piping valves and fittings shall be constructed and maintained in a gas tight condition [District Rule 4623, 5.6.3] Federally Enforceable Through Title V Permit
8. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.9 and 6.4.8] Federally Enforceable Through Title V Permit
9. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a gas-tight cover which shall be closed at all times except during gauging or sampling. [District Rule 4623, 5.6.2] Federally Enforceable Through Title V Permit
10. All piping, fittings, and valves shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the provisions of this permit. If any of the tank components are found to leak during an annual inspection, the inspection frequency for that component type shall be changed from annual to quarterly. If no tank components are subsequently found to be leaking during five consecutive inspections, the inspection frequency may be changed from quarterly to annual. Components located in inaccessible (over 15 feet above ground when access is required from the ground or over 6 feet away from a platform when access is required from the platform) locations shall be inspected at least annually and components located in unsafe areas shall be inspected and repaired upon detection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

11. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date of leak detection, and method of detection; 3) Date and emission level of recheck after leak is repaired. Leaks over 10,000 ppmv shall be reported as a deviation. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
12. The operator shall ensure that the vapor recovery system is functional and is operating as designed whenever organic liquids or organic liquid vapors are present in the tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
13. Permittee shall conduct True Vapor Pressure (TVP) testing of the organic liquid stored in this tank at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in this tank. TVP testing shall be conducted at actual storage temperature of the organic liquid in the tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
14. For crude oil with an API gravity of 26 degrees or less, the TVP shall be determined using the latest version of the Lawrence Berkeley National Laboratory "test Method for Vapor pressure of Reactive Organic Compounds in Heavy Crude Oil Using Gas Chromatograph", as approved by ARB and EPA. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
15. For other organic liquids, the true vapor pressure (TVP) shall be measured using Reid vapor pressure ASTM Method D323, and converting the RVP to TVP at the tank's maximum organic liquid storage temperature. The conversion of RVP to TVP shall be done in accordance of the oil and gas section of "California Air Resources Boards (ARB) Technical Guidance Document to the Criteria and Guidelines Regulations for AB 2588", dated August 1989. As an alternative to using ASTM D 323, the TVP of crude oil with an API gravity range of greater than 26 degrees up to 30 degrees may be determined by using other equivalent test methods approved by APCO, ARB and EPA. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
16. The permittee shall keep accurate records of each organic liquid stored in the tank including its type, storage temperature, TVP, and API gravity, and shall make such records available for District inspection upon request. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit
17. All records of required monitoring data and support information shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 2520, 9.4.2 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-35-7-3

EXPIRATION DATE: 08/31/2009

SECTION: 23 **TOWNSHIP:** 29S **RANGE:** 27E

EQUIPMENT DESCRIPTION:

210,000 GALLON FIXED ROOF PETROLEUM STORAGE TANK #5002 WITH VAPOR RECOVERY

PERMIT UNIT REQUIREMENTS

1. The tank shall be equipped with a vapor recovery system consisting of a closed vent system that collects all VOCs from the storage tank and a VOC control device. The vapor recovery system shall be APCO-approved and maintained in gas-tight condition. Collected vapors shall be directed to approved control devices having a destruction efficiency of at least 99% by weight as determined by the test method specified in Section 6.4.7 of District Rule 4623 (as amended 12/20/01). [District NSR Rule and District Rule 4623, 5.6.1] Federally Enforceable Through Title V Permit
2. Tank shall vent to vapor control system listed on permit S-35-2. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Liquid condensate from vapor recovery system shall be disposed in a manner preventing emission to the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Crude oil throughput and truck loadout shall not exceed 740 bbl/day (on an annual average basis). [District NSR Rule] Federally Enforceable Through Title V Permit
5. Stored crude oil TVP shall not exceed 6.0 psia. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Tank shall be used for storage of crude oil only, not reclaimed waste or contaminated petroleum. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Tank shall be equipped with operational stored liquid temperature indicator. [District NSR Rule] Federally Enforceable Through Title V Permit
8. Incoming oil shall be pumped directly into tank, unloading sump shall not be used. [District NSR Rule] Federally Enforceable Through Title V Permit
9. VOC emission rates shall not exceed 1.4 lb/day from the tank and 18.4 lb/day from the loadout operation. [District NSR Rule] Federally Enforceable Through Title V Permit
10. All piping valves and fittings shall be constructed and maintained in a gas tight condition [District Rule 4623, 5.6.3] Federally Enforceable Through Title V Permit
11. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.9 and 6.4.8] Federally Enforceable Through Title V Permit
12. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a gas-tight cover which shall be closed at all times except during gauging or sampling. [District Rule 4623, 5.6.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

13. Permittee shall comply with all applicable requirements of Rule 4624. [District Rule 4624] Federally Enforceable Through Title V Permit
14. The organic liquid loading facility shall be equipped with bottom loading. VOC emissions shall not exceed 0.08 lb per 1000 gallons of liquid organic loaded. [District Rule 4624, 5.1 and Kern County Rule 413] Federally Enforceable Through Title V Permit
15. The vapor collection and control system shall operate such that the pressure in the delivery tank being loaded does not exceed 18 inches water column pressure and six (6) inches water column vacuum. [District Rule 4624, 5.2 and Kern County Rule 413] Federally Enforceable Through Title V Permit
16. There shall be no leaks in excess of 10,000 ppm (as methane) measured at a distance of one centimeter from the potential source by a portable hydrocarbon detection instrument pursuant to EPA Method 21. There shall be no liquid leaks in excess of three drops per minute. [District Rule 4624, 3.6 and 5.4 and Kern County Rule 413] Federally Enforceable Through Title V Permit
17. Liquid drainage upon disconnect shall not exceed 10 milliliters. [District Rule 4624, 5.4 and Kern County Rule 413] Federally Enforceable Through Title V Permit
18. Truck loading and unloading shall be accomplished with liquid tight hose connections. [District Rule 4624, 5.4 and Kern County Rule 413] Federally Enforceable Through Title V Permit
19. All piping, fittings, and valves shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the provisions of this permit. If any of the tank components are found to leak during an annual inspection, the inspection frequency for that component type shall be changed from annual to quarterly. If no tank components are subsequently found to be leaking during five consecutive inspections, the inspection frequency may be changed from quarterly to annual. Components located in inaccessible (over 15 feet above ground when access is required from the ground or over 6 feet away from a platform when access is required from the platform) locations shall be inspected at least annually and components located in unsafe areas shall be inspected and repaired upon detection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
20. The operator shall ensure that the vapor recovery system is functional and is operating as designed whenever organic liquids or organic liquid vapors are present in the tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
21. Permittee shall conduct True Vapor Pressure (TVP) testing of the organic liquid stored in this tank at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in this tank. TVP testing shall be conducted at actual storage temperature of the organic liquid in the tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
22. For crude oil with an API gravity of 26 degrees or less, the TVP shall be determined using the latest version of the Lawrence Berkeley National Laboratory "test Method for Vapor pressure of Reactive Organic Compounds in Heavy Crude Oil Using Gas Chromatograph", as approved by ARB and EPA. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
23. For other organic liquids, the true vapor pressure (TVP) shall be measured using Reid vapor pressure ASTM Method D323, and converting the RVP to TVP at the tank's maximum organic liquid storage temperature. The conversion of RVP to TVP shall be done in accordance of the oil and gas section of "California Air Resources Boards (ARB) Technical Guidance Document to the Criteria and Guidelines Regulations for AB 2588", dated August 1989. As an alternative to using ASTM D 323, the TVP of crude oil with an API gravity range of greater than 26 degrees up to 30 degrees may be determined by using other equivalent test methods approved by APCO, ARB and EPA. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

24. The organic loading liquid loading equipment shall be inspected annually during product transfer by the facility operator to ensure that the unit is maintained free of leaks. If any component is found to leak during an annual inspection, the inspection frequency shall be changed from annual to quarterly. If components are subsequently found to be leak-free during five consecutive inspections, the inspection frequency may be changed from quarterly to annual. Leak inspections of organic loading liquid loading equipment shall be conducted using EPA Method 21 and shall be measured at a distance of one centimeter from the potential source. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
25. The permittee shall perform drainage inspections at disconnect at least annually and shall record the results. If any excess drainage is observed, the inspection frequency shall be changed from annual to quarterly. Corrective steps shall be taken at any time excess drainage is observed at disconnect. If subsequently no excess drainage is found during five consecutive quarterly inspections, the drainage inspection frequency may be changed from quarterly to annual. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
26. Drainage inspections shall be completed before 10:00 AM the day of inspection. Compliance shall be demonstrated by collecting all drainage at disconnect in a spouted container. The drainage shall be transferred to a graduated cylinder and the volume determined within one (1) minute of collection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
27. Each detected leak shall be repaired within 15 calendar days of detection. [District Rule 2520, 9.1] Federally Enforceable Through Title V Permit
28. The permittee shall maintain an inspection log containing at least the following: 1) dates of leak and drainage inspections, 2) Date of leak detection and method of detection, 3) corrective action (date each leak or excess drainage condition repaired, reasons for any leak repair interval in excess of 15 days), 4) Date and emission level of recheck after leak is repaired, and 5) inspector name and signature. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
29. Loading of a delivery vessel shall discontinue if its pressure relief valve opens. Corrective action shall be taken should this condition occur. [District Rule 2520, 9.1] Federally Enforceable Through Title V Permit
30. All records of required monitoring data and support information shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-35-8-3

EXPIRATION DATE: 08/31/2009

SECTION: 23 **TOWNSHIP:** 29S **RANGE:** 27E

EQUIPMENT DESCRIPTION:

126,000 GALLON FIXED ROOF PETROLEUM STORAGE TANK #3001 WITH VAPOR RECOVERY

PERMIT UNIT REQUIREMENTS

1. The tank shall be equipped with a vapor recovery system consisting of a closed vent system that collects all VOCs from the storage tank and a VOC control device. The vapor recovery system shall be APCO-approved and maintained in gas-tight condition. Collected vapors shall be directed to approved control devices having a destruction efficiency of at least 99% by weight as determined by the test method specified in Section 6.4.7 of District Rule 4623 (as amended 12/20/01). [District NSR Rule and District Rule 4623, 5.6.1] Federally Enforceable Through Title V Permit
2. Tank shall vent to vapor control system listed on permit S-35-2. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Liquid condensate from vapor recovery system shall be disposed in a manner preventing emissions to the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Crude oil throughput shall not exceed 150 bbl/day (on an annual average basis). [District NSR Rule] Federally Enforceable Through Title V Permit
5. Stored crude oil TVP shall not exceed 6.6 psia. [District NSR Rule] Federally Enforceable Through Title V Permit
6. VOC emission rate shall not exceed 0.5 lb/day. [District NSR Rule] Federally Enforceable Through Title V Permit
7. All piping valves and fittings shall be constructed and maintained in a gas tight condition [District Rule 4623, 5.6.3] Federally Enforceable Through Title V Permit
8. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.9 and 6.4.8] Federally Enforceable Through Title V Permit
9. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a gas-tight cover which shall be closed at all times except during gauging or sampling. [District Rule 4623, 5.6.2] Federally Enforceable Through Title V Permit
10. All piping, fittings, and valves shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the provisions of this permit. If any of the tank components are found to leak during an annual inspection, the inspection frequency for that component type shall be changed from annual to quarterly. If no tank components are subsequently found to be leaking during five consecutive inspections, the inspection frequency may be changed from quarterly to annual. Components located in inaccessible (over 15 feet above ground when access is required from the ground or over 6 feet away from a platform when access is required from the platform) locations shall be inspected at least annually and components located in unsafe areas shall be inspected and repaired upon detection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

11. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date of leak detection, and method of detection; 3) Date and emission level of recheck after leak is repaired. Leaks over 10,000 ppmv shall be reported as a deviation. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
12. The operator shall ensure that the vapor recovery system is functional and is operating as designed whenever organic liquids or organic liquid vapors are present in the tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
13. Permittee shall conduct True Vapor Pressure (TVP) testing of the organic liquid stored in this tank at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in this tank. TVP testing shall be conducted at actual storage temperature of the organic liquid in the tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
14. For crude oil with an API gravity of 26 degrees or less, the TVP shall be determined using the latest version of the Lawrence Berkeley National Laboratory "test Method for Vapor pressure of Reactive Organic Compounds in Heavy Crude Oil Using Gas Chromatograph", as approved by ARB and EPA. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
15. For other organic liquids, the true vapor pressure (TVP) shall be measured using Reid vapor pressure ASTM Method D323, and converting the RVP to TVP at the tank's maximum organic liquid storage temperature. The conversion of RVP to TVP shall be done in accordance of the oil and gas section of "California Air Resources Boards (ARB) Technical Guidance Document to the Criteria and Guidelines Regulations for AB 2588", dated August 1989. As an alternative to using ASTM D 323, the TVP of crude oil with an API gravity range of greater than 26 degrees up to 30 degrees may be determined by using other equivalent test methods approved by APCO, ARB and EPA. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
16. The permittee shall keep accurate records of each organic liquid stored in the tank including its type, storage temperature, TVP, and API gravity, and shall make such records available for District inspection upon request. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit
17. All records of required monitoring data and support information shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 2520, 9.4.2 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-35-9-2

EXPIRATION DATE: 08/31/2009

SECTION: 23 **TOWNSHIP:** 29S **RANGE:** 27E

EQUIPMENT DESCRIPTION:

126,000 GALLON FIXED ROOF PETROLEUM STORAGE TANK #3002 WITH VAPOR RECOVERY

PERMIT UNIT REQUIREMENTS

1. The tank shall be equipped with a vapor recovery system consisting of a closed vent system that collects all VOCs from the storage tank and a VOC control device. The vapor recovery system shall be APCO-approved and maintained in gas-tight condition. Collected vapors shall be directed to approved control devices having a destruction efficiency of at least 95% by weight as determined by the test method specified in Section 6.4.7 of District Rule 4623 (as amended 12/20/01). [District Rule 4623, 5.6.1] Federally Enforceable Through Title V Permit
2. Tank shall vent to vapor control system listed on permit S-35-2. [District NSR Rule] Federally Enforceable Through Title V Permit
3. All piping valves and fittings shall be constructed and maintained in a gas tight condition [District Rule 4623, 5.6.3] Federally Enforceable Through Title V Permit
4. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.9 and 6.4.8] Federally Enforceable Through Title V Permit
5. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a gas-tight cover which shall be closed at all times except during gauging or sampling. [District Rule 4623, 5.6.2] Federally Enforceable Through Title V Permit
6. All piping, fittings, and valves shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the provisions of this permit. If any of the tank components are found to leak during an annual inspection, the inspection frequency for that component type shall be changed from annual to quarterly. If no tank components are subsequently found to be leaking during five consecutive inspections, the inspection frequency may be changed from quarterly to annual. Components located in inaccessible (over 15 feet above ground when access is required from the ground or over 6 feet away from a platform when access is required from the platform) locations shall be inspected at least annually and components located in unsafe areas shall be inspected and repaired upon detection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
7. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date of leak detection, and method of detection; 3) Date and emission level of recheck after leak is repaired. Leaks over 10,000 ppmv shall be reported as a deviation. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
8. The operator shall ensure that the vapor recovery system is functional and is operating as designed whenever organic liquids or organic liquid vapors are present in the tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

9. The permittee shall keep accurate records of each organic liquid stored in the tank including its type, storage temperature, TVP, and API gravity, and shall make such records available for District inspection upon request. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit
10. All records of required monitoring data and support information shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 2520, 9.4.2 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-35-10-2

EXPIRATION DATE: 08/31/2009

SECTION: 23 **TOWNSHIP:** 29S **RANGE:** 27E

EQUIPMENT DESCRIPTION:

84,000 GALLON FIXED ROOF PETROLEUM STORAGE TANK #2001 WITH VAPOR RECOVERY

PERMIT UNIT REQUIREMENTS

1. The tank shall be equipped with a vapor recovery system consisting of a closed vent system that collects all VOCs from the storage tank and a VOC control device. The vapor recovery system shall be APCO-approved and maintained in gas-tight condition. Collected vapors shall be directed to approved control devices having a destruction efficiency of at least 99% by weight as determined by the test method specified in Section 6.4.7 of District Rule 4623 (as amended 12/20/01). [District NSR Rule and District Rule 4623, 5.6.1] Federally Enforceable Through Title V Permit
2. Tank shall vent to vapor control system listed on permit S-35-2. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Liquid condensate from vapor recovery system shall be disposed in a manner preventing emissions to the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Crude oil throughput shall not exceed 238 bbl/day (on an annual average basis). [District NSR Rule] Federally Enforceable Through Title V Permit
5. Stored crude oil TVP shall not exceed 6.0 psia. [District NSR Rule] Federally Enforceable Through Title V Permit
6. VOC emission rate shall not exceed 0.7 lb/day. [District NSR Rule] Federally Enforceable Through Title V Permit
7. All piping valves and fittings shall be constructed and maintained in a gas tight condition [District Rule 4623, 5.6.3] Federally Enforceable Through Title V Permit
8. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.9 and 6.4.8] Federally Enforceable Through Title V Permit
9. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a gas-tight cover which shall be closed at all times except during gauging or sampling. [District Rule 4623, 5.6.2] Federally Enforceable Through Title V Permit
10. All piping, fittings, and valves shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the provisions of this permit. If any of the tank components are found to leak during an annual inspection, the inspection frequency for that component type shall be changed from annual to quarterly. If no tank components are subsequently found to be leaking during five consecutive inspections, the inspection frequency may be changed from quarterly to annual. Components located in inaccessible (over 15 feet above ground when access is required from the ground or over 6 feet away from a platform when access is required from the platform) locations shall be inspected at least annually and components located in unsafe areas shall be inspected and repaired upon detection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

11. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date of leak detection, and method of detection; 3) Date and emission level of recheck after leak is repaired. Leaks over 10,000 ppmv shall be reported as a deviation. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
12. The operator shall ensure that the vapor recovery system is functional and is operating as designed whenever organic liquids or organic liquid vapors are present in the tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
13. Permittee shall conduct True Vapor Pressure (TVP) testing of the organic liquid stored in this tank at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in this tank. TVP testing shall be conducted at actual storage temperature of the organic liquid in the tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
14. For crude oil with an API gravity of 26 degrees or less, the TVP shall be determined using the latest version of the Lawrence Berkeley National Laboratory "test Method for Vapor pressure of Reactive Organic Compounds in Heavy Crude Oil Using Gas Chromatograph", as approved by ARB and EPA. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
15. For other organic liquids, the true vapor pressure (TVP) shall be measured using Reid vapor pressure ASTM Method D323, and converting the RVP to TVP at the tank's maximum organic liquid storage temperature. The conversion of RVP to TVP shall be done in accordance of the oil and gas section of "California Air Resources Boards (ARB) Technical Guidance Document to the Criteria and Guidelines Regulations for AB 2588", dated August 1989. As an alternative to using ASTM D 323, the TVP of crude oil with an API gravity range of greater than 26 degrees up to 30 degrees may be determined by using other equivalent test methods approved by APCO, ARB and EPA. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
16. The permittee shall keep accurate records of each organic liquid stored in the tank including its type, storage temperature, TVP, and API gravity, and shall make such records available for District inspection upon request. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit
17. All records of required monitoring data and support information shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 2520, 9.4.2 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-35-11-2

EXPIRATION DATE: 08/31/2009

SECTION: 23 **TOWNSHIP:** 29S **RANGE:** 27E

EQUIPMENT DESCRIPTION:

67,200 GALLON FIXED ROOF PETROLEUM STORAGE TANK #1601 WITH VAPOR RECOVERY

PERMIT UNIT REQUIREMENTS

1. The tank shall be equipped with a vapor recovery system consisting of a closed vent system that collects all VOCs from the storage tank and a VOC control device. The vapor recovery system shall be APCO-approved and maintained in gas-tight condition. Collected vapors shall be directed to approved control devices having a destruction efficiency of at least 99% by weight as determined by the test method specified in Section 6.4.7 of District Rule 4623 (as amended 12/20/01). [District NSR Rule and District Rule 4623, 5.6.1] Federally Enforceable Through Title V Permit
2. Tank shall vent to vapor control system listed on permit S-35-2. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Liquid condensate from vapor recovery system shall be disposed in a manner preventing emissions to the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Crude oil throughput shall not exceed 82 bbl/day (on an annual average basis). [District NSR Rule] Federally Enforceable Through Title V Permit
5. Stored crude oil TVP shall not exceed 7.9 psia. [District NSR Rule] Federally Enforceable Through Title V Permit
6. VOC emission rate shall not exceed 0.3 lb/day. [District NSR Rule] Federally Enforceable Through Title V Permit
7. All piping valves and fittings shall be constructed and maintained in a gas tight condition [District Rule 4623, 5.6.3] Federally Enforceable Through Title V Permit
8. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.9 and 6.4.8] Federally Enforceable Through Title V Permit
9. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a gas-tight cover which shall be closed at all times except during gauging or sampling. [District Rule 4623, 5.6.2] Federally Enforceable Through Title V Permit
10. All piping, fittings, and valves shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the provisions of this permit. If any of the tank components are found to leak during an annual inspection, the inspection frequency for that component type shall be changed from annual to quarterly. If no tank components are subsequently found to be leaking during five consecutive inspections, the inspection frequency may be changed from quarterly to annual. Components located in inaccessible (over 15 feet above ground when access is required from the ground or over 6 feet away from a platform when access is required from the platform) locations shall be inspected at least annually and components located in unsafe areas shall be inspected and repaired upon detection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

11. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date of leak detection, and method of detection; 3) Date and emission level of recheck after leak is repaired. Leaks over 10,000 ppmv shall be reported as a deviation. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
12. The operator shall ensure that the vapor recovery system is functional and is operating as designed whenever organic liquids or organic liquid vapors are present in the tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
13. Permittee shall conduct True Vapor Pressure (TVP) testing of the organic liquid stored in this tank at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in this tank. TVP testing shall be conducted at actual storage temperature of the organic liquid in the tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
14. For crude oil with an API gravity of 26 degrees or less, the TVP shall be determined using the latest version of the Lawrence Berkeley National Laboratory "test Method for Vapor pressure of Reactive Organic Compounds in Heavy Crude Oil Using Gas Chromatograph", as approved by ARB and EPA. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
15. For other organic liquids, the true vapor pressure (TVP) shall be measured using Reid vapor pressure ASTM Method D323, and converting the RVP to TVP at the tank's maximum organic liquid storage temperature. The conversion of RVP to TVP shall be done in accordance of the oil and gas section of "California Air Resources Boards (ARB) Technical Guidance Document to the Criteria and Guidelines Regulations for AB 2588", dated August 1989. As an alternative to using ASTM D 323, the TVP of crude oil with an API gravity range of greater than 26 degrees up to 30 degrees may be determined by using other equivalent test methods approved by APCO, ARB and EPA. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
16. The permittee shall keep accurate records of each organic liquid stored in the tank including its type, storage temperature, TVP, and API gravity, and shall make such records available for District inspection upon request. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit
17. All records of required monitoring data and support information shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 2520, 9.4.2 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-35-12-1

EXPIRATION DATE: 08/31/2009

SECTION: 23 **TOWNSHIP:** 29S **RANGE:** 27E

EQUIPMENT DESCRIPTION:

GASOLINE LEADING OPERATION INCLUDING 4,400 GALLON TETRAETHYL LEAD WEIGHTING TANK, 2 PUMPS, RECEIVING LINE WITH TOP UNLOADING DROP TUBE, MISC. PIPING, VALVES AND EDUCTOR

PERMIT UNIT REQUIREMENTS

1. All valves and flanges shall remain gas tight (as defined by Rule 4623) during normal operation. [District Rule 4102]
2. Leading compound delivery vessel shall be maintained under negative pressure during unloading. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Circulation pumps shall be equipped with differential pressure indicator at discharge. [District NSR Rule] Federally Enforceable Through Title V Permit
4. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.5 psia under all storage conditions. [District Rule 4623] Federally Enforceable Through Title V Permit
5. Permittee shall conduct True Vapor Pressure (TVP) testing of the organic liquid stored in this tank at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in this tank in order to maintain exemption from control requirements of District Rule 4623 (as amended 12/20/01). In lieu of testing the TVP of organic liquids containing high concentrations of tetraethyl lead, the permittee may provide information about the physical properties of such liquids and the maximum storage temperature to demonstrate to the satisfaction of the District and EPA that the TVP limits of this permit have not been exceeded. [District Rule 4623, 6.2.2] Federally Enforceable Through Title V Permit
6. For crude oil with an API gravity of 26 degrees or less, the TVP shall be determined using the latest version of the Lawrence Berkeley National Laboratory "test Method for Vapor pressure of Reactive Organic Compounds in Heavy Crude Oil Using Gas Chromatograph", as approved by ARB and EPA. [District Rule 4623, 6.4.4] Federally Enforceable Through Title V Permit
7. For other organic liquids, the true vapor pressure (TVP) shall be measured using Reid vapor pressure ASTM Method D323, and converting the RVP to TVP at the tank's maximum organic liquid storage temperature. The conversion of RVP to TVP shall be done in accordance of the oil and gas section of "California Air Resources Boards (ARB) Technical Guidance Document to the Criteria and Guidelines Regulations for AB 2588", dated August 1989. As an alternative to using ASTM D 323, the TVP of crude oil with an API gravity range of greater than 26 degrees up to 30 degrees may be determined by using other equivalent test methods approved by APCO, ARB and EPA. [District Rule 4623, 6.4.3] Federally Enforceable Through Title V Permit
8. The TVP testing shall be conducted at actual storage temperature of the organic liquid in the tank. [District Rules 4623, 6.2.2] Federally Enforceable Through Title V Permit
9. Permittee shall submit the records of TVP testing to the APCO within 45 days after the date of testing. The records shall include the tank identification number, Permit to Operate number, type of stored organic liquid, TVP of the organic liquid, test methods used, and a copy of the test results. [District Rules 4623, 6.3.6] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

10. The permittee shall keep accurate records of each organic liquid stored in the tank, including its storage temperature and TVP. [District Rules 4623, 6.3.1] Federally Enforceable Through Title V Permit
11. All records of required monitoring data and support information shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 2520, 9.4.2 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-35-13-1

EXPIRATION DATE: 08/31/2009

SECTION: 23 **TOWNSHIP:** 29S **RANGE:** 27E

EQUIPMENT DESCRIPTION:

210,000 GALLON FIXED ROOF GASOLINE STORAGE TANK #5003 WITH VAPOR RECOVERY AND 10 HP TANK MIXER

PERMIT UNIT REQUIREMENTS

1. The tank shall be equipped with a vapor recovery system consisting of a closed vent system that collects all VOCs from the storage tank and a VOC control device. The vapor recovery system shall be APCO-approved and maintained in gas-tight condition. Collected vapors shall be directed to approved control devices having a destruction efficiency of at least 95% by weight as determined by the test method specified in Section 6.4.7 of District Rule 4623 (as amended 12/20/01). [District Rule 4623, 5.6.1] Federally Enforceable Through Title V Permit
2. Tank shall vent to vapor control system listed on permit S-35-2. [District NSR Rule] Federally Enforceable Through Title V Permit
3. All piping valves and fittings shall be constructed and maintained in a gas tight condition [District Rule 4623, 5.6.3] Federally Enforceable Through Title V Permit
4. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.9 and 6.4.8] Federally Enforceable Through Title V Permit
5. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a gas-tight cover which shall be closed at all times except during gauging or sampling. [District Rule 4623, 5.6.2] Federally Enforceable Through Title V Permit
6. All piping, fittings, and valves shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the provisions of this permit. If any of the tank components are found to leak during an annual inspection, the inspection frequency for that component type shall be changed from annual to quarterly. If no tank components are subsequently found to be leaking during five consecutive inspections, the inspection frequency may be changed from quarterly to annual. Components located in inaccessible (over 15 feet above ground when access is required from the ground or over 6 feet away from a platform when access is required from the platform) locations shall be inspected at least annually and components located in unsafe areas shall be inspected and repaired upon detection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
7. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date of leak detection, and method of detection; 3) Date and emission level of recheck after leak is repaired. Leaks over 10,000 ppmv shall be reported as a deviation. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
8. The operator shall ensure that the vapor recovery system is functional and is operating as designed whenever organic liquids or organic liquid vapors are present in the tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

9. The permittee shall keep accurate records of each organic liquid stored in the tank including its type, storage temperature, TVP, and API gravity, and shall make such records available for District inspection upon request. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit
10. All records of required monitoring data and support information shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 2520, 9.4.2 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-35-14-1

EXPIRATION DATE: 08/31/2009

SECTION: 23 **TOWNSHIP:** 29S **RANGE:** 27E

EQUIPMENT DESCRIPTION:

210,000 GALLON FIXED ROOF GASOLINE STORAGE TANK #5004 WITH VAPOR RECOVERY

PERMIT UNIT REQUIREMENTS

1. The tank shall be equipped with a vapor recovery system consisting of a closed vent system that collects all VOCs from the storage tank and a VOC control device. The vapor recovery system shall be APCO-approved and maintained in gas-tight condition. Collected vapors shall be directed to approved control devices having a destruction efficiency of at least 95% by weight as determined by the test method specified in Section 6.4.7 of District Rule 4623 (as amended 12/20/01). [District Rule 4623, 5.6.1] Federally Enforceable Through Title V Permit
2. Tank shall vent to vapor control system listed on permit S-35-2. [District NSR Rule] Federally Enforceable Through Title V Permit
3. All piping valves and fittings shall be constructed and maintained in a gas tight condition [District Rule 4623, 5.6.3] Federally Enforceable Through Title V Permit
4. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.9 and 6.4.8] Federally Enforceable Through Title V Permit
5. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a gas-tight cover which shall be closed at all times except during gauging or sampling. [District Rule 4623, 5.6.2] Federally Enforceable Through Title V Permit
6. All piping, fittings, and valves shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the provisions of this permit. If any of the tank components are found to leak during an annual inspection, the inspection frequency for that component type shall be changed from annual to quarterly. If no tank components are subsequently found to be leaking during five consecutive inspections, the inspection frequency may be changed from quarterly to annual. Components located in inaccessible (over 15 feet above ground when access is required from the ground or over 6 feet away from a platform when access is required from the platform) locations shall be inspected at least annually and components located in unsafe areas shall be inspected and repaired upon detection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
7. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date of leak detection, and method of detection; 3) Date and emission level of recheck after leak is repaired. Leaks over 10,000 ppmv shall be reported as a deviation. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
8. The operator shall ensure that the vapor recovery system is functional and is operating as designed whenever organic liquids or organic liquid vapors are present in the tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

9. The permittee shall keep accurate records of each organic liquid stored in the tank including its type, storage temperature, TVP, and API gravity, and shall make such records available for District inspection upon request. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit
10. All records of required monitoring data and support information shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 2520, 9.4.2 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-35-15-1

EXPIRATION DATE: 08/31/2009

SECTION: 23 **TOWNSHIP:** 29S **RANGE:** 27E

EQUIPMENT DESCRIPTION:

80 HP GASOLINE LOADOUT RACK INCLUDING 4 OPW V-84-F LOADING ARMS WITH VAPOR RECOVERY, 2 LOADING PUMPS AND 4 SMITH METER ASSEMBLIES

PERMIT UNIT REQUIREMENTS

1. The maximum quantity of gasoline loaded into delivery vessels shall be less than 20,000 gallons in any one day. [District Rule 4621, 3.4] Federally Enforceable Through Title V Permit
2. The vapor recovery systems and their components shall be operated and maintained in accordance with the State certification requirements. [District Rule 4621, 5.0] Federally Enforceable Through Title V Permit
3. Loading and vapor collection equipment shall be maintained and operated such that there are no liquid component leaks under any conditions, nor any excess organic liquid drainage at disconnect. [District Rule 4621, 5.0] Federally Enforceable Through Title V Permit
4. The operator shall not transfer or permit the transfer of gasoline from any delivery vessel into any stationary storage container unless such container is equipped with a permanent submerged fill pipe and a certified Phase I vapor recovery system which is maintained and operated according to the manufacturers specifications. [District Rule 4621, 5.1.1] Federally Enforceable Through Title V Permit
5. All vapor lines, connections, fittings, lines, and caps shall be vapor tight as defined in Section 3.0 of District Rule 4621 (as amended 6/18/98). [District Rule 4621, 5.1.3] Federally Enforceable Through Title V Permit
6. Loading connectors shall establish a gas-tight seal with delivery vessels prior to commencing loading. [District Rule 4621, 5.1.3] Federally Enforceable Through Title V Permit
7. The loading rack and components shall be inspected annually during product transfer to ensure that the unit is maintained free of leaks. If any loading rack component is found to leak during an annual inspection, the inspection frequency shall be changed from annual to quarterly. All leaks shall be repaired within seven working days. If loading rack components are subsequently found to be leak-free during five consecutive inspections, the inspection frequency may be changed from quarterly to annual. [District Rule 4621, 5.1.3] Federally Enforceable Through Title V Permit
8. No gasoline delivery vessel shall be operated or be allowed to operate unless valid State of California decals are displayed on the cargo tank, which attest to the vapor integrity of the tank. [District Rule 4621, 5.2.1] Federally Enforceable Through Title V Permit
9. The operator shall not store gasoline in or otherwise use or operate any gasoline delivery vessel unless such vessel is designed and maintained to be vapor tight. Any delivery vessel into which gasoline vapors have been transferred shall be filled only at a loading facility that is equipped with a certified Vapor Recovery System that prevents at least 95% by weight of the gasoline vapors displaced from entering the atmosphere. Such delivery vessels shall be connected to the Vapor Recovery System before connecting the fuel transfer hoses. [District Rule 4621, 5.2.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

10. The hatch on a delivery vessel shall not be opened for visual inspection unless at least three minutes have elapsed since loading or unloading has stopped. The dome hatch, once opened, shall not be held open longer than three minutes. [District Rule 4621, 5.2.3] Federally Enforceable Through Title V Permit
11. Gasoline vapors from this unit shall not be purged into the atmosphere. [District Rule 4621, 5.2.4] Federally Enforceable Through Title V Permit
12. The vapor recovery system shall not create a backpressure in excess of the pressure limits of the delivery vessel certification leak test (18 inches water column). [District Rule 4621, 5.2.5] Federally Enforceable Through Title V Permit
13. A record of all inspections and all actions conducted on any part of the loading rack shall be maintained in chronological order showing the date of inspection, a description and location of any equipment replaced, and a description of the problem which required repair. [District Rule 4621, 6.1.2] Federally Enforceable Through Title V Permit
14. When determining vapor leaks with a portable analyzer the following must occur: 1) The probe inlet shall be 2.5 cm from the potential leak source. 2) The probe shall be moved slowly (approximately 4 cm/sec). If there is any meter deflection at the potential leak source, the probe shall be moved to locate the point of highest meter response. 3) To the greatest extent possible, the probe inlet shall be positioned in the path of the vapor flow from a leak so as to maximize the measured concentration. 4) The detector response time must be equal to or less than 30 seconds and the detector shall not probe any potential leak source for longer than twice the detector response time. 5) As an alternative to the preceding procedures, operators may use the soap bubble method described in the Alternative Screening Procedure in EPA Method 21. [District Rule 4621, 6.2.2] Federally Enforceable Through Title V Permit
15. The test method to determine vapor tightness of delivery vessels owned or operated by this facility shall be EPA Method 21. [District Rule 4621, 6.2.3] Federally Enforceable Through Title V Permit
16. The permittee shall perform drainage inspections at disconnect for each loading arm at least annually and shall record the results. If any excess drainage is observed, the inspection frequency shall be changed from annual to quarterly. Corrective steps shall be taken at any time excess drainage is observed at disconnect. If subsequently no excess drainage is found during five consecutive quarterly inspections, the drainage inspection frequency may be changed from quarterly to annual. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
17. Drainage inspections shall be completed before 10:00 AM the day of inspection. Compliance shall be demonstrated by collecting all drainage at disconnect in a spouted container. The drainage shall be transferred to a graduated cylinder and the volume determined within one (1) minute of collection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
18. The permittee shall maintain an inspection log containing at least the following: 1) dates of leak and drainage inspections, 2) leak determination method, 3) corrective action (including date each leak or excess drainage condition repaired), and 4) inspector name and signature. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
19. Loading of a delivery vessel shall discontinue if its pressure relief valve opens. Corrective action shall be taken should this condition occur. [District Rule 2520, 9.1] Federally Enforceable Through Title V Permit
20. The permittee shall maintain, and make available for District inspection all records of required monitoring data, facility daily gasoline throughput, and support information for District inspection for a period of five years. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-35-16-3

EXPIRATION DATE: 08/31/2009

SECTION: 23 **TOWNSHIP:** 29S **RANGE:** 27E

EQUIPMENT DESCRIPTION:

105 MMBTU/HR WASTE GAS FLARING SYSTEM

PERMIT UNIT REQUIREMENTS

1. Waste gas flaring system shall consist of National Air flare stack, smokeless flare tip, condensate knockout vessel and pumps, and vapor piping to the crude oil dehydration tanks. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Flare knockout vessel shall not be less than 4 ft. in diameter by 12 ft. long. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Flare tip shall not be less than 6 inches in diameter. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Flare shall be equipped with operational continuously recording waste gas volume flowmeter. [District NSR Rule] Federally Enforceable Through Title V Permit
5. Flare shall have provisions for steam and/or air assisted combustion. [District NSR Rule] Federally Enforceable Through Title V Permit
6. Steam or air injection shall be maintained at a rate sufficient to achieve smokeless combustion. [District NSR Rule] Federally Enforceable Through Title V Permit
7. Visible emissions from flare shall be less than 5% opacity. [District NSR Rule and District Rule 4101, 5.0] Federally Enforceable Through Title V Permit
8. Volume of waste gas incinerated in flare shall not exceed 46,000 scf per day. [District NSR Rule] Federally Enforceable Through Title V Permit
9. Sulfur content of waste gas shall not exceed 0.2 grain/100 scf without prior District and EPA approval. [District Rule 4801 and Kern County Rule 407] Federally Enforceable Through Title V Permit
10. Flare pilot shall be supplied with only PUC regulated quality natural gas or propane. [District NSR Rule] Federally Enforceable Through Title V Permit
11. Emission rate shall not exceed PM10: 0.3 lb/day, NOx (as NO2): 6.8 lb/day, VOC: 0.4 lb/day, and CO: 1.4 lb/day. [District NSR Rule] Federally Enforceable Through Title V Permit
12. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [District Rule 4801 and Kern County Rule 407] Federally Enforceable Through Title V Permit
13. The sulfur content of gas being flared shall be tested quarterly using ASTM method D 1072, D 4084, D 3246, or double GC for H2S and mercaptans. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

14. Visible emissions monitoring shall be conducted at least annually, using EPA Method 22 for a period of 15 minutes. If visible emissions are observed at any time during this period, then corrective action shall be taken to eliminate visible emissions and visible emissions shall be rechecked. If visible emissions cannot be corrected within 24 hours, a visible emissions test shall be conducted by a trained observer using EPA method 9 within 72 hours. A record of the results of these observations shall be maintained. Such records shall include the observer's name and affiliation, the date, time, sky condition, and the observer's location relative to the source. [District Rule 2520, 9.3.2 & 9.4.1] Federally Enforceable Through Title V Permit
15. The flame shall be present at all times when combustible gases are vented through the flare. [District Rule 4311, 5.2] Federally Enforceable Through Title V Permit
16. The outlet shall be equipped with an automatic ignition system, or, shall operate with a pilot flame present at all times when combustible gases are vented through the flare, except during purge periods for automatic-ignition equipped flares. [District Rule 4311, 5.3] Federally Enforceable Through Title V Permit
17. Except for flares equipped with a flow-sensing ignition system, a heat sensing device such as a thermocouple, ultraviolet beam sensor, infrared sensor, or an equivalent device, capable of continuously detecting at least one pilot flame or the flare flame is present shall be installed and operated. [District Rule 4311, 5.4] Federally Enforceable Through Title V Permit
18. Flares that use flow-sensing automatic ignition systems and which do not use a continuous flame pilot shall use purge gas for purging. [District Rule 4311, 5.5] Federally Enforceable Through Title V Permit
19. Open flares in which the flare gas pressure is less than 5 psig shall be operated in such a manner that meets the provisions of 40 CFR 60.18. [District Rule 4311, 5.6] Federally Enforceable Through Title V Permit
20. The permittee shall maintain accurate records of the date and daily volume of waste gas flared and all other records of required monitoring data and support information. Records shall be maintained for a period of five years and made available for District inspection at any time. [District Rules 1070 and 2520, 9.4.2] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-35-17-1

EXPIRATION DATE: 08/31/2009

SECTION: 23 **TOWNSHIP:** 29S **RANGE:** 27E

EQUIPMENT DESCRIPTION:

20 HP NAPHTHA RECEIVING OPERATION, INCLUDING TWO TRUCK BOTTOM UNLOADING LINES AND ONE 200 GPM PUMP

PERMIT UNIT REQUIREMENTS

1. Unloading lines shall be designed to prevent the drainage of naphtha upon disconnect. [District NSR Rule] Federally Enforceable Through Title V Permit
2. Naphtha receiving tank #3002 shall be equipped with vapor collection system. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Naphtha receiving operation shall not be used to loadout any volatile organic liquids. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Unloading system valves and flanges shall be leak-free. [District NSR Rule] Federally Enforceable Through Title V Permit
5. All piping, fittings, and valves shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the provisions of this permit. If any of the unloading system components are found to leak during an annual inspection, the inspection frequency for that component type shall be changed from annual to quarterly. If no unloading system components are subsequently found to be leaking during five consecutive inspections, the inspection frequency may be changed from quarterly to annual. Components located in inaccessible (over 15 feet above ground when access is required from the ground or over 6 feet away from a platform when access is required from the platform) locations shall be inspected at least annually and components located in unsafe areas shall be inspected and repaired upon detection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
6. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date of leak detection, and method of detection; 3) Date and emission level of recheck after leak is repaired. Leaks over 10,000 ppmv shall be reported as a deviation. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
7. The permittee shall keep accurate records of each organic liquid unloaded and shall make such records available for District inspection upon request. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
8. All records of required monitoring data and support information shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-35-20-2

EXPIRATION DATE: 08/31/2009

SECTION: 23 **TOWNSHIP:** 29S **RANGE:** 27E

EQUIPMENT DESCRIPTION:

420,000 GALLON FIXED ROOF PETROLEUM STORAGE TANK #10,001 WITH VAPOR CONTROL, VENTED TO FLARE S-35-16

PERMIT UNIT REQUIREMENTS

1. The tank shall be equipped with a vapor recovery system consisting of a closed vent system that collects all VOCs from the storage tank and a VOC control device. The vapor recovery system shall be APCO-approved and maintained in gas-tight condition. Collected vapors shall be directed to approved control devices having a destruction efficiency of at least 99% by weight as determined by the test method specified in Section 6.4.7 of District Rule 4623 (as amended 12/20/01). [District NSR Rule and District Rule 4623, 5.6.1] Federally Enforceable Through Title V Permit
2. Volatile organic compound vapor from tank shall be incinerated in flare S-35-16. [District NSR Rule] Federally Enforceable Through Title V Permit
3. Liquid condensate from vapor recovery system shall be disposed in a manner preventing emissions to the atmosphere. [District NSR Rule] Federally Enforceable Through Title V Permit
4. Crude oil throughput shall not exceed 3,333 bbl/day (on an annual average basis). [District NSR Rule] Federally Enforceable Through Title V Permit
5. Stored crude oil TVP shall not exceed 8.0 psia. [District NSR Rule] Federally Enforceable Through Title V Permit
6. VOC emission rate shall not exceed 5.0 lb/day. [District NSR Rule] Federally Enforceable Through Title V Permit
7. All piping valves and fittings shall be constructed and maintained in a gas tight condition [District Rule 4623, 5.6.3] Federally Enforceable Through Title V Permit
8. A gas-tight condition is defined as a condition without a gas leak. A gas leak is defined as a reading in excess of 10,000 ppmv, above background, as measured by a portable hydrocarbon detection instrument in accordance with the procedures specified in EPA Test Method 21. A reading in excess of 10,000 ppmv above background is a violation of this permit and Rule 4623 and shall be reported as a deviation. [District Rule 4623, 3.9 and 6.4.8] Federally Enforceable Through Title V Permit
9. Any tank gauging or sampling device on a tank vented to the vapor recovery system shall be equipped with a gas-tight cover which shall be closed at all times except during gauging or sampling. [District Rule 4623, 5.6.2] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

10. All piping, fittings, and valves shall be inspected annually by the facility operator in accordance with EPA Method 21, with the instrument calibrated with methane, to ensure compliance with the provisions of this permit. If any of the tank components are found to leak during an annual inspection, the inspection frequency for that component type shall be changed from annual to quarterly. If no tank components are subsequently found to be leaking during five consecutive inspections, the inspection frequency may be changed from quarterly to annual. Components located in inaccessible (over 15 feet above ground when access is required from the ground or over 6 feet away from a platform when access is required from the platform) locations shall be inspected at least annually and components located in unsafe areas shall be inspected and repaired upon detection. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
11. Operator shall maintain an inspection log containing the following 1) Type of component leaking; 2) Date of leak detection, and method of detection; 3) Date and emission level of recheck after leak is repaired. Leaks over 10,000 ppmv shall be reported as a deviation. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
12. The operator shall ensure that the vapor recovery system is functional and is operating as designed whenever organic liquids or organic liquid vapors are present in the tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
13. Permittee shall conduct True Vapor Pressure (TVP) testing of the organic liquid stored in this tank at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in this tank. TVP testing shall be conducted at actual storage temperature of the organic liquid in the tank. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
14. For crude oil with an API gravity of 26 degrees or less, the TVP shall be determined using the latest version of the Lawrence Berkeley National Laboratory "test Method for Vapor pressure of Reactive Organic Compounds in Heavy Crude Oil Using Gas Chromatograph", as approved by ARB and EPA. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
15. For other organic liquids, the true vapor pressure (TVP) shall be measured using Reid vapor pressure ASTM Method D323, and converting the RVP to TVP at the tank's maximum organic liquid storage temperature. The conversion of RVP to TVP shall be done in accordance of the oil and gas section of "California Air Resources Boards (ARB) Technical Guidance Document to the Criteria and Guidelines Regulations for AB 2588", dated August 1989. As an alternative to using ASTM D 323, the TVP of crude oil with an API gravity range of greater than 26 degrees up to 30 degrees may be determined by using other equivalent test methods approved by APCO, ARB and EPA. [District Rule 2520, 9.3.2] Federally Enforceable Through Title V Permit
16. The permittee shall keep accurate records of each organic liquid stored in the tank including its type, storage temperature, TVP, and API gravity, and shall make such records available for District inspection upon request. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit
17. All records of required monitoring data and support information shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rule 2520, 9.4.2 and District Rule 4623, 6.3] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-35-21-5

EXPIRATION DATE: 08/31/2009

SECTION: 23 **TOWNSHIP:** 29S **RANGE:** 27E

EQUIPMENT DESCRIPTION:

25.0 MMBTU/HR CLEAVER BROOKS BOILER WITH FLUE GAS RECIRCULATION

PERMIT UNIT REQUIREMENTS

1. Pursuant to Rule 4320, beginning in 2010 the operator shall pay an annual emission fee to the District for NOx emissions from this unit for the previous calendar year. Payments are due by July 1 of each year. Payments shall continue annually until either the unit is permanently removed from service in the District or the operator demonstrates compliance with the applicable NOx emission limit listed in Rule 4320. [District Rule 4320]
2. Permittee shall maintain records of annual heat input (MMBtu) for this unit on a calendar year basis. Such records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070 and Rule 4320]
3. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District Rule 2201] Federally Enforceable Through Title V Permit
4. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
5. No air contaminant shall be discharged into the atmosphere for a period or periods aggregating more than three minutes in any one hour which is as dark as, or darker than, Ringelmann 1 or 20% opacity. [District Rule 4101] Federally Enforceable Through Title V Permit
6. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201] Federally Enforceable Through Title V Permit
7. The unit shall only be fired on PUC-regulated natural gas. [District Rule 2201] Federally Enforceable Through Title V Permit
8. A non-resettable, totalizing mass or volumetric fuel flow meter to measure the amount of natural gas combusted in the unit shall be installed, utilized and maintained. [District Rules 2201, 4305, and 4306] Federally Enforceable Through Title V Permit
9. Maximum annual heat input of the unit shall be less than 9 billion Btu per calendar year. [District Rules 2201, 4305, and 4306] Federally Enforceable Through Title V Permit
10. Emissions from the natural gas-fired unit shall not exceed any of the following limits: 30 ppmvd NOx @ 3% O2 or 0.036 lb-NOx/MMBtu, 0.00285 lb-SOx/MMBtu, 0.0076 lb-PM10/MMBtu, 100 ppmvd CO @ 3% O2 or 0.084 lb-CO/MMBtu, or 0.0055 lb-VOC/MMBtu. [District Rules 2201, 4305, and 4306] Federally Enforceable Through Title V Permit
11. Owner/operator shall have unit tuned at least twice each calendar year, from four to eight months apart, in which it operates, by a technician that is qualified, to the satisfaction of the APCO, in accordance with the procedure described in Rule 4304 (Equipment Tuning Procedure for Boilers, Steam Generators, and Process Heaters). [District Rule 4306] Federally Enforceable Through Title V Permit

PERMIT UNIT REQUIREMENTS CONTINUE ON NEXT PAGE

These terms and conditions are part of the Facility-wide Permit to Operate.

12. If the unit does not operate throughout a continuous six-month period within a calendar year, only one tune-up is required for that calendar year. No tune-up is required for any unit that is not operated during that calendar year; this unit may be test fired to verify availability of the unit for its intended use, but once the test firing is completed the unit shall be shutdown. [District Rule 4306] Federally Enforceable Through Title V Permit
13. The permittee shall monitor, at least on a monthly basis, the amount of water use, the amount of unit blow down, and the exhaust stack temperature or other operational characteristics recommended by the unit manufacturer. Monitoring shall not be required if the unit is not in operation, i.e. the unit need not be started solely to perform monitoring. Monitoring shall be performed within 5 days of restarting the unit unless monitoring has been performed within the last month. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
14. Records of monthly and annual heat input of the unit shall be maintained. [District Rules 2201, 4305, and 4306] Federally Enforceable Through Title V Permit
15. Records of tune-up and monitoring of the operational characteristics of the unit shall be maintained. [District Rules 4305 and 4306] Federally Enforceable Through Title V Permit
16. All records shall be maintained and retained on-site for a minimum of five (5) years, and shall be made available for District inspection upon request. [District Rules 1070, 4305, and 4306] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-35-22-1

EXPIRATION DATE: 08/31/2009

EQUIPMENT DESCRIPTION:

29,400 GALLON FIXED ROOF STORAGE TANK #702

PERMIT UNIT REQUIREMENTS

1. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.5 psia under all storage conditions. [District Rule 4623] Federally Enforceable Through Title V Permit
2. Permittee shall conduct True Vapor Pressure (TVP) testing of the organic liquid stored in this tank at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in this tank in order to maintain exemption from control requirements of District Rule 4623 (as amended 12/20/01). [District Rule 4623, 6.2.2] Federally Enforceable Through Title V Permit
3. For crude oil with an API gravity of 26 degrees or less, the TVP shall be determined using the latest version of the Lawrence Berkeley National Laboratory "test Method for Vapor pressure of Reactive Organic Compounds in Heavy Crude Oil Using Gas Chromatograph", as approved by ARB and EPA. [District Rule 4623, 6.4.4] Federally Enforceable Through Title V Permit
4. For other organic liquids, the true vapor pressure (TVP) shall be measured using Reid vapor pressure ASTM Method D323, and converting the RVP to TVP at the tank's maximum organic liquid storage temperature. The conversion of RVP to TVP shall be done in accordance of the oil and gas section of "California Air Resources Boards (ARB) Technical Guidance Document to the Criteria and Guidelines Regulations for AB 2588", dated August 1989. As an alternative to using ASTM D 323, the TVP of crude oil with an API gravity range of greater than 26 degrees up to 30 degrees may be determined by using other equivalent test methods approved by APCO, ARB and EPA. [District Rule 4623, 6.4.3] Federally Enforceable Through Title V Permit
5. The TVP testing shall be conducted at actual storage temperature of the organic liquid in the tank. The permittee shall also conduct an API gravity testing at least once every 24 months. [District Rule 4623, 6.2.2] Federally Enforceable Through Title V Permit
6. Permittee shall submit the records of TVP and API gravity testing to the APCO within 45 days after the date of testing. The records shall include the tank identification number, Permit to Operate number, type of stored organic liquid, TVP and API gravity of the organic liquid, test methods used, and a copy of the test results. [District Rule 4623, 6.3.6] Federally Enforceable Through Title V Permit
7. The permittee shall keep accurate records of each organic liquid stored in the tank, including its storage temperature, TVP, and API gravity. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit
8. All records of required monitoring data and support information shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rules 2520, 9.4.2 and 4623, 6.3] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-35-23-1

EXPIRATION DATE: 08/31/2009

EQUIPMENT DESCRIPTION:

42,000 GALLON FIXED ROOF STORAGE TANK #1004

PERMIT UNIT REQUIREMENTS

1. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.5 psia under all storage conditions. [District Rule 4623] Federally Enforceable Through Title V Permit
2. Permittee shall conduct True Vapor Pressure (TVP) testing of the organic liquid stored in this tank at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in this tank in order to maintain exemption from control requirements of District Rule 4623 (as amended 12/20/01). [District Rule 4623, 6.2.2] Federally Enforceable Through Title V Permit
3. For crude oil with an API gravity of 26 degrees or less, the TVP shall be determined using the latest version of the Lawrence Berkeley National Laboratory "test Method for Vapor pressure of Reactive Organic Compounds in Heavy Crude Oil Using Gas Chromatograph", as approved by ARB and EPA. [District Rule 4623, 6.4.4] Federally Enforceable Through Title V Permit
4. For other organic liquids, the true vapor pressure (TVP) shall be measured using Reid vapor pressure ASTM Method D323, and converting the RVP to TVP at the tank's maximum organic liquid storage temperature. The conversion of RVP to TVP shall be done in accordance of the oil and gas section of "California Air Resources Boards (ARB) Technical Guidance Document to the Criteria and Guidelines Regulations for AB 2588", dated August 1989. As an alternative to using ASTM D 323, the TVP of crude oil with an API gravity range of greater than 26 degrees up to 30 degrees may be determined by using other equivalent test methods approved by APCO, ARB and EPA. [District Rule 4623, 6.4.3] Federally Enforceable Through Title V Permit
5. The TVP testing shall be conducted at actual storage temperature of the organic liquid in the tank. The permittee shall also conduct an API gravity testing at least once every 24 months. [District Rule 4623, 6.2.2] Federally Enforceable Through Title V Permit
6. Permittee shall submit the records of TVP and API gravity testing to the APCO within 45 days after the date of testing. The records shall include the tank identification number, Permit to Operate number, type of stored organic liquid, TVP and API gravity of the organic liquid, test methods used, and a copy of the test results. [District Rule 4623, 6.3.6] Federally Enforceable Through Title V Permit
7. The permittee shall keep accurate records of each organic liquid stored in the tank, including its storage temperature, TVP, and API gravity. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit
8. All records of required monitoring data and support information shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rules 2520, 9.4.2 and 4623, 6.3] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-35-24-1

EXPIRATION DATE: 08/31/2009

EQUIPMENT DESCRIPTION:

63,000 GALLON FIXED ROOF STORAGE TANK #1502

PERMIT UNIT REQUIREMENTS

1. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.5 psia under all storage conditions. [District Rule 4623] Federally Enforceable Through Title V Permit
2. Permittee shall conduct True Vapor Pressure (TVP) testing of the organic liquid stored in this tank at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in this tank in order to maintain exemption from control requirements of District Rule 4623 (as amended 12/20/01). [District Rule 4623, 6.2.2] Federally Enforceable Through Title V Permit
3. For crude oil with an API gravity of 26 degrees or less, the TVP shall be determined using the latest version of the Lawrence Berkeley National Laboratory "test Method for Vapor pressure of Reactive Organic Compounds in Heavy Crude Oil Using Gas Chromatograph", as approved by ARB and EPA. [District Rule 4623, 6.4.4] Federally Enforceable Through Title V Permit
4. For other organic liquids, the true vapor pressure (TVP) shall be measured using Reid vapor pressure ASTM Method D323, and converting the RVP to TVP at the tank's maximum organic liquid storage temperature. The conversion of RVP to TVP shall be done in accordance of the oil and gas section of "California Air Resources Boards (ARB) Technical Guidance Document to the Criteria and Guidelines Regulations for AB 2588", dated August 1989. As an alternative to using ASTM D 323, the TVP of crude oil with an API gravity range of greater than 26 degrees up to 30 degrees may be determined by using other equivalent test methods approved by APCO, ARB and EPA. [District Rule 4623, 6.4.3] Federally Enforceable Through Title V Permit
5. The TVP testing shall be conducted at actual storage temperature of the organic liquid in the tank. The permittee shall also conduct an API gravity testing at least once every 24 months. [District Rule 4623, 6.2.2] Federally Enforceable Through Title V Permit
6. Permittee shall submit the records of TVP and API gravity testing to the APCO within 45 days after the date of testing. The records shall include the tank identification number, Permit to Operate number, type of stored organic liquid, TVP and API gravity of the organic liquid, test methods used, and a copy of the test results. [District Rule 4623, 6.3.6] Federally Enforceable Through Title V Permit
7. The permittee shall keep accurate records of each organic liquid stored in the tank, including its storage temperature, TVP, and API gravity. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit
8. All records of required monitoring data and support information shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rules 2520, 9.4.2 and 4623, 6.3] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-35-25-1

EXPIRATION DATE: 08/31/2009

EQUIPMENT DESCRIPTION:

42,000 GALLON FIXED ROOF STORAGE TANK #1003

PERMIT UNIT REQUIREMENTS

1. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.5 psia under all storage conditions. [District Rule 4623] Federally Enforceable Through Title V Permit
2. Permittee shall conduct True Vapor Pressure (TVP) testing of the organic liquid stored in this tank at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in this tank in order to maintain exemption from control requirements of District Rule 4623 (as amended 12/20/01). [District Rule 4623, 6.2.2] Federally Enforceable Through Title V Permit
3. For crude oil with an API gravity of 26 degrees or less, the TVP shall be determined using the latest version of the Lawrence Berkeley National Laboratory "test Method for Vapor pressure of Reactive Organic Compounds in Heavy Crude Oil Using Gas Chromatograph", as approved by ARB and EPA. [District Rule 4623, 6.4.4] Federally Enforceable Through Title V Permit
4. For other organic liquids, the true vapor pressure (TVP) shall be measured using Reid vapor pressure ASTM Method D323, and converting the RVP to TVP at the tank's maximum organic liquid storage temperature. The conversion of RVP to TVP shall be done in accordance of the oil and gas section of "California Air Resources Boards (ARB) Technical Guidance Document to the Criteria and Guidelines Regulations for AB 2588", dated August 1989. As an alternative to using ASTM D 323, the TVP of crude oil with an API gravity range of greater than 26 degrees up to 30 degrees may be determined by using other equivalent test methods approved by APCO, ARB and EPA. [District Rule 4623, 6.4.3] Federally Enforceable Through Title V Permit
5. The TVP testing shall be conducted at actual storage temperature of the organic liquid in the tank. The permittee shall also conduct an API gravity testing at least once every 24 months. [District Rule 4623, 6.2.2] Federally Enforceable Through Title V Permit
6. Permittee shall submit the records of TVP and API gravity testing to the APCO within 45 days after the date of testing. The records shall include the tank identification number, Permit to Operate number, type of stored organic liquid, TVP and API gravity of the organic liquid, test methods used, and a copy of the test results. [District Rule 4623, 6.3.6] Federally Enforceable Through Title V Permit
7. The permittee shall keep accurate records of each organic liquid stored in the tank, including its storage temperature, TVP, and API gravity. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit
8. All records of required monitoring data and support information shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rules 2520, 9.4.2 and 4623, 6.3] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-35-26-1

EXPIRATION DATE: 08/31/2009

EQUIPMENT DESCRIPTION:

29,400 GALLON FIXED ROOF STORAGE TANK #701

PERMIT UNIT REQUIREMENTS

1. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.5 psia under all storage conditions. [District Rule 4623] Federally Enforceable Through Title V Permit
2. Permittee shall conduct True Vapor Pressure (TVP) testing of the organic liquid stored in this tank at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in this tank in order to maintain exemption from control requirements of District Rule 4623 (as amended 12/20/01). [District Rule 4623, 6.2.2] Federally Enforceable Through Title V Permit
3. For crude oil with an API gravity of 26 degrees or less, the TVP shall be determined using the latest version of the Lawrence Berkeley National Laboratory "test Method for Vapor pressure of Reactive Organic Compounds in Heavy Crude Oil Using Gas Chromatograph", as approved by ARB and EPA. [District Rule 4623, 6.4.4] Federally Enforceable Through Title V Permit
4. For other organic liquids, the true vapor pressure (TVP) shall be measured using Reid vapor pressure ASTM Method D323, and converting the RVP to TVP at the tank's maximum organic liquid storage temperature. The conversion of RVP to TVP shall be done in accordance of the oil and gas section of "California Air Resources Boards (ARB) Technical Guidance Document to the Criteria and Guidelines Regulations for AB 2588", dated August 1989. As an alternative to using ASTM D 323, the TVP of crude oil with an API gravity range of greater than 26 degrees up to 30 degrees may be determined by using other equivalent test methods approved by APCO, ARB and EPA. [District Rule 4623, 6.4.3] Federally Enforceable Through Title V Permit
5. The TVP testing shall be conducted at actual storage temperature of the organic liquid in the tank. The permittee shall also conduct an API gravity testing at least once every 24 months. [District Rule 4623, 6.2.2] Federally Enforceable Through Title V Permit
6. Permittee shall submit the records of TVP and API gravity testing to the APCO within 45 days after the date of testing. The records shall include the tank identification number, Permit to Operate number, type of stored organic liquid, TVP and API gravity of the organic liquid, test methods used, and a copy of the test results. [District Rule 4623, 6.3.6] Federally Enforceable Through Title V Permit
7. The permittee shall keep accurate records of each organic liquid stored in the tank, including its storage temperature, TVP, and API gravity. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit
8. All records of required monitoring data and support information shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rules 2520, 9.4.2 and 4623, 6.3] Federally Enforceable Through Title V Permit

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-35-27-1

EXPIRATION DATE: 08/31/2009

EQUIPMENT DESCRIPTION:

42,000 GALLON FIXED ROOF STORAGE TANK #1005

PERMIT UNIT REQUIREMENTS

1. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.5 psia under all storage conditions. [District Rule 4623] Federally Enforceable Through Title V Permit
2. Permittee shall conduct True Vapor Pressure (TVP) testing of the organic liquid stored in this tank at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in this tank in order to maintain exemption from control requirements of District Rule 4623 (as amended 12/20/01). [District Rule 4623, 6.2.2] Federally Enforceable Through Title V Permit
3. For crude oil with an API gravity of 26 degrees or less, the TVP shall be determined using the latest version of the Lawrence Berkeley National Laboratory "test Method for Vapor pressure of Reactive Organic Compounds in Heavy Crude Oil Using Gas Chromatograph", as approved by ARB and EPA. [District Rule 4623, 6.4.4] Federally Enforceable Through Title V Permit
4. For other organic liquids, the true vapor pressure (TVP) shall be measured using Reid vapor pressure ASTM Method D323, and converting the RVP to TVP at the tank's maximum organic liquid storage temperature. The conversion of RVP to TVP shall be done in accordance of the oil and gas section of "California Air Resources Boards (ARB) Technical Guidance Document to the Criteria and Guidelines Regulations for AB 2588", dated August 1989. As an alternative to using ASTM D 323, the TVP of crude oil with an API gravity range of greater than 26 degrees up to 30 degrees may be determined by using other equivalent test methods approved by APCO, ARB and EPA. [District Rule 4623, 6.4.3] Federally Enforceable Through Title V Permit
5. The TVP testing shall be conducted at actual storage temperature of the organic liquid in the tank. The permittee shall also conduct an API gravity testing at least once every 24 months. [District Rule 4623, 6.2.2] Federally Enforceable Through Title V Permit
6. Permittee shall submit the records of TVP and API gravity testing to the APCO within 45 days after the date of testing. The records shall include the tank identification number, Permit to Operate number, type of stored organic liquid, TVP and API gravity of the organic liquid, test methods used, and a copy of the test results. [District Rule 4623, 6.3.6] Federally Enforceable Through Title V Permit
7. The permittee shall keep accurate records of each organic liquid stored in the tank, including its storage temperature, TVP, and API gravity. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit
8. All records of required monitoring data and support information shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rules 2520, 9.4.2 and 4623, 6.3] Federally Enforceable Through Title V Permit

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San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-35-28-1

EXPIRATION DATE: 08/31/2009

EQUIPMENT DESCRIPTION:

42,000 GALLON FIXED ROOF STORAGE TANK #1002

PERMIT UNIT REQUIREMENTS

1. This tank shall only store, place, or hold organic liquid with a true vapor pressure (TVP) of less than 0.5 psia under all storage conditions. [District Rule 4623] Federally Enforceable Through Title V Permit
2. Permittee shall conduct True Vapor Pressure (TVP) testing of the organic liquid stored in this tank at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid stored in this tank in order to maintain exemption from control requirements of District Rule 4623 (as amended 12/20/01). [District Rule 4623, 6.2.2] Federally Enforceable Through Title V Permit
3. For crude oil with an API gravity of 26 degrees or less, the TVP shall be determined using the latest version of the Lawrence Berkeley National Laboratory "test Method for Vapor pressure of Reactive Organic Compounds in Heavy Crude Oil Using Gas Chromatograph", as approved by ARB and EPA. [District Rule 4623, 6.4.4] Federally Enforceable Through Title V Permit
4. For other organic liquids, the true vapor pressure (TVP) shall be measured using Reid vapor pressure ASTM Method D323, and converting the RVP to TVP at the tank's maximum organic liquid storage temperature. The conversion of RVP to TVP shall be done in accordance of the oil and gas section of "California Air Resources Boards (ARB) Technical Guidance Document to the Criteria and Guidelines Regulations for AB 2588", dated August 1989. As an alternative to using ASTM D 323, the TVP of crude oil with an API gravity range of greater than 26 degrees up to 30 degrees may be determined by using other equivalent test methods approved by APCO, ARB and EPA. [District Rule 4623, 6.4.3] Federally Enforceable Through Title V Permit
5. The TVP testing shall be conducted at actual storage temperature of the organic liquid in the tank. The permittee shall also conduct an API gravity testing at least once every 24 months. [District Rule 4623, 6.2.2] Federally Enforceable Through Title V Permit
6. Permittee shall submit the records of TVP and API gravity testing to the APCO within 45 days after the date of testing. The records shall include the tank identification number, Permit to Operate number, type of stored organic liquid, TVP and API gravity of the organic liquid, test methods used, and a copy of the test results. [District Rule 4623, 6.3.6] Federally Enforceable Through Title V Permit
7. The permittee shall keep accurate records of each organic liquid stored in the tank, including its storage temperature, TVP, and API gravity. [District Rule 4623, 6.3.1] Federally Enforceable Through Title V Permit
8. All records of required monitoring data and support information shall be maintained for a period of at least five years and shall be made readily available for District inspection upon request. [District Rules 2520, 9.4.2 and 4623, 6.3] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

San Joaquin Valley Air Pollution Control District

PERMIT UNIT: S-35-47-1

EXPIRATION DATE: 08/31/2009

EQUIPMENT DESCRIPTION:

PETROLEUM LIQUID LOADING RACK UTILIZING A 30 HP PUMP WITH 4 CONNECTIONS SERVING 14 STORAGE TANKS

PERMIT UNIT REQUIREMENTS

1. True vapor pressure (TVP) of organic liquids loaded shall not exceed 1.5 psia at actual loading temperature. [District Rule 4624, 4.3 and Kern County Rule 413] Federally Enforceable Through Title V Permit
2. Permittee shall determine the true vapor pressure of the organic liquid loaded in accordance with the methods described in Section 6.2 of District Rule 4624 (as amended 12/17/92). Determinations shall be made at least once every 24 months during summer (July - September), and/or whenever there is a change in the source or type of organic liquid loaded. Required TVP testing shall be conducted at actual storage temperature of the organic liquid. [District Rules 2520, 9.3.2 and 4624, 6.2 and Kern County Rule 413] Federally Enforceable Through Title V Permit
3. Permittee shall maintain accurate daily records of liquid throughput, loading temperature, and liquid TVP for a minimum of five years after the date of an entry, and shall make such records readily available to District staff upon request. [District Rules 2520, 9.4.2 and 4624, 6.1 and Kern County Rule 413] Federally Enforceable Through Title V Permit

These terms and conditions are part of the Facility-wide Permit to Operate.

ATTACHMENT C

Detailed Facility List

Detailed Facility Report
For Facility=35
Sorted by Facility Name and Permit Number

LAS PALMAS OIL & DEHYDRATION	FAC #	S 35	TYPE:	TitleV	EXPIRE ON:	08/31/2009
3121 STANDARD ST	STATUS:	A	TOXIC ID:	50213	AREA:	81 /
BAKERSFIELD, CA 93308	TELEPHONE:	(661) 327-7451			INSP. DATE:	04/11

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
S-35-1-0	5,250,000 BTU/HR	3020-02 G	1	815.00	815.00	D	5.25 MM BTU/HR KEWANEE FIRE TUBE BOILER
S-35-2-3	117,600 gallons	3020-05 E	1	246.00	246.00	A	117,600 GALLON FIXED ROOF PETROLEUM STORAGE TANK #2801 WITH VAPOR RECOVERY
S-35-3-1	117,600 gallons	3020-05 E	1	246.00	246.00	A	117,600 GALLON FIXED ROOF PETROLEUM STORAGE TANK #2802 WITH VAPOR RECOVERY
S-35-4-4	37,800 gallons	3020-05 C	1	135.00	135.00	A	37,800 GALLON FIXED ROOF PETROLEUM STORAGE TANK #916 WITH VAPOR RECOVERY
S-35-5-3	840,000 gallons	3020-05 F	1	301.00	301.00	A	840,000 GALLON FIXED ROOF PETROLEUM STORAGE TANK #20001 WITH VAPOR RECOVERY
S-35-6-3	210,000 gallons	3020-05 E	1	246.00	246.00	A	210,000 GALLON FIXED ROOF PETROLEUM STORAGE TANK #5001 WITH VAPOR RECOVERY
S-35-7-3	210,000 gallons	3020-05 E	1	246.00	246.00	A	210,000 GALLON FIXED ROOF PETROLEUM STORAGE TANK #5002 WITH VAPOR RECOVERY
S-35-8-3	126,000 gallons	3020-05 E	1	246.00	246.00	A	126,000 GALLON FIXED ROOF PETROLEUM STORAGE TANK #3001 WITH VAPOR RECOVERY
S-35-9-2	126,000 gallons	3020-05 E	1	246.00	246.00	A	126,000 GALLON FIXED ROOF PETROLEUM STORAGE TANK #3002 WITH VAPOR RECOVERY
S-35-10-2	84,000 gallons	3020-05 D	1	185.00	185.00	A	84,000 GALLON FIXED ROOF PETROLEUM STORAGE TANK #2001 WITH VAPOR RECOVERY
S-35-11-2	67,200 gallons	3020-05 D	1	185.00	185.00	A	67,200 GALLON FIXED ROOF PETROLEUM STORAGE TANK #1601 WITH VAPOR RECOVERY
S-35-12-1	4,400 gallons	3020-05 A	1	75.00	75.00	A	GASOLINE LEADING OPERATION INCLUDING 4,400 GALLON TETRAETHYL LEAD WEIGHTING TANK, 2 PUMPS, RECEIVING LINE WITH TOP UNLOADING DROP TUBE, MISC. PIPING, VALVES AND EDUCTOR
S-35-13-1	210,000 gallons	3020-05 E	1	246.00	246.00	A	210,000 GALLON FIXED ROOF GASOLINE STORAGE TANK #5003 WITH VAPOR RECOVERY AND 10 HP TANK MIXER
S-35-14-1	210,000 gallons	3020-05 E	1	246.00	246.00	A	210,000 GALLON FIXED ROOF GASOLINE STORAGE TANK #5004 WITH VAPOR RECOVERY
S-35-15-1	80 electric hp	3020-01 C	1	197.00	197.00	A	80 HP GASOLINE LOADOUT RACK INCLUDING 4 OPW V-84-F LOADING ARMS WITH VAPOR RECOVERY, 2 LOADING PUMPS AND 4 SMITH METER ASSEMBLIES
S-35-16-3	105,000 KBtu/hr	3020-02 H	1	1,030.00	1,030.00	A	105 MMBTU/HR WASTE GAS FLARING SYSTEM
S-35-17-1	20 electric hp	3020-01 A	1	87.00	87.00	A	20 HP NAPHTHA RECEIVING OPERATION, INCLUDING TWO TRUCK BOTTOM UNLOADING LINES AND ONE 200 GPM PUMP

Detailed Facility Report

For Facility=35

12/16/10

8:07 am

Sorted by Facility Name and Permit Number

PERMIT NUMBER	FEE DESCRIPTION	FEE RULE	QTY	FEE AMOUNT	FEE TOTAL	PERMIT STATUS	EQUIPMENT DESCRIPTION
S-35-20-2	420,000 gallons	3020-05 E	1	246.00	246.00	A	420,000 GALLON FIXED ROOF PETROLEUM STORAGE TANK #10,001 WITH VAPOR CONTROL, VENTED TO FLARE S-35-16
S-35-21-5	25,000 kBtu/hr burner	3020-02 H	1	1,030.00	1,030.00	A	25.0 MMBTU/HR CLEAVER BROOKS BOILER WITH FLUE GAS RECIRCULATION
S-35-22-1	29,400 gallons	3020-05 C	1	135.00	135.00	A	29,400 GALLON FIXED ROOF STORAGE TANK #702
S-35-23-1	42,000 gallons	3020-05 C	1	135.00	135.00	A	42,000 GALLON FIXED ROOF STORAGE TANK #1004
S-35-24-1	63,000 gallons	3020-05 D	1	185.00	185.00	A	63,000 GALLON FIXED ROOF STORAGE TANK #1502
S-35-25-1	42,000 gallons	3020-05 C	1	135.00	135.00	A	42,000 GALLON FIXED ROOF STORAGE TANK #1003
S-35-26-1	29,400 gallons	3020-05 C	1	135.00	135.00	A	29,400 GALLON FIXED ROOF STORAGE TANK #701
S-35-27-1	42,000 gallons	3020-05 C	1	135.00	135.00	A	42,000 GALLON FIXED ROOF STORAGE TANK #1005
S-35-28-1	42,000 gallons	3020-05 C	1	135.00	135.00	A	42,000 GALLON FIXED ROOF STORAGE TANK #1002
S-35-47-1	30 electric hp	3020-01 B	1	117.00	117.00	A	PETROLEUM LIQUID LOADING RACK UTILIZING A 30 HP PUMP WITH 4 CONNECTIONS SERVING 14 STORAGE TANKS

Number of Facilities Reported: 1